

CLAIMS

What is claimed is:

1. A roofing debris collection cart comprising:

an open top container formed generally in the shape of an inverted, truncated pyramid having its lower, smaller base closed and its upper, larger base open and having end walls joined to inner and outer walls which are sloped, relative to the vertical, at pre-determined angles;

a horizontally arranged support frame located beneath and secured to the smaller base for supporting the container;

and support wheels rotateably connected to, and depending beneath, the frame for engagement with the ground upon which the cart is supported;

and with the angle of the inner wall of the container being substantially the same as an angle selected for leaning a large, flat panel against the wall of a house at a location between the container and the house wall so that the panel is adapted to be arranged close to the container for directing debris dropped down upon the panel into the container.

2. A roofing debris collection cart as defined in claim 1, and including a large, flat panel adapted to be leaned against the surface of a house wall at an acute angle, while resting upon the ground, and for being located between a cart and the house wall, with the angle of the panel and the angle of the inner wall of the cart being substantially the same whereby the panel may be closely adjacent to the inner wall of the cart.

3. A construction as defined in claim 2, and with the slope angle of the cart inner wall being approximately 52 degrees relative to the horizontal.

4. A roof debris collection cart as set forth in claim 1, and including a number of said carts of substantially identical construction, arranged end-to-end for positioning alongside a house wall so that the carts together form an elongated receptacle along the house wall for debris dropped from the roof; and with large, flat, panels arranged closely adjacent to the carts and propped against the house wall at an angle approximately the same as the angularity as the inner walls of the carts.

5. A construction as defined in claim 4, and including handles located on the respective end walls of the carts, with the handles extending away from their respective sloped end walls for a pre-determined distance sufficient to prevent the handles on the adjacent cart end walls from interfering with or contacting the handles on the next adjacent carts.

6. A construction as defined in claim 4, and including a series of large, flat panels, arranged end-to-end, and rested upon the ground and leaned at an angle against the house wall, between the carts and the house wall, and each panel being in substantial face-to-face engagement with their adjacent container walls for directing debris dropped from the roof of the house into the respective containers.

7. A construction as defined in claim 2, and said wheels being of a large enough diameter to support the cart at a substantial height above plantings that may be located near the house wall and with the panel angled sufficiently so that its lower portion is spaced from the house wall so that the panel straddles over plantings located closely adjacent to the house wall.

8. A construction as defined in claim 1 and the inner wall having an upper portion with a channel forming socket on the said upper portion for receiving the lower edge of a panel which is leaned against the house wall.

9. A construction as defined in claim 8 and including a pair of spaced apart elongated strips secured to the upper portion of the inner wall to form the channel therebetween for receiving the lower edge of said panel.

10. A roofing debris collection cart comprising:

a box-like container having an inner and an outer wall connected to end walls which are in turn connected to a closed base, and with the container having an open top;

said inner wall being angled, relative to the vertical, at roughly 52 degrees to the horizontal from the base floor to the open top of the container;

a horizontally arranged support frame secured to and arranged beneath the container base floor;

support wheels rotateably connected to the frame and depending beneath the frame for engagement with the ground upon which the cart is supported;

whereby said cart may be located adjacent a building wall, but spaced therefrom, so that a flat, large panel may be arranged between the cart inner wall and the building wall at an angle approximately the same as the angle of the cart inner wall whereby the cart inner wall and the panel may be arranged closely adjacent to each other and in approximately the same angular plane in order to permit debris dropped from the roof of the building upon the panel to slide down the panel and into the container.

11. A construction as defined in claim 10, and including the opposite end walls of the cart being sloped at a pre-determined angle, inwardly, from the open top to the closed base floor;

and a manually gripable handle mounted upon an end wall;

whereby a number of substantially identical carts may be arranged end-to-end with the upper edges defining the end walls in contact with the adjacent parts of the adjacent carts and with their handles being located in the spaces formed between the adjacent end walls by the angularity of the end walls relative to each other;

12. A method for collecting debris dropped from the roof of a building comprising:

providing an open container having front and rear walls and end walls, with the rear wall being sloped at an acute angle relative to the vertical, and with the container being supported upon wheels for moving the container;

moving the container into a position where its sloped rear wall is spaced a pre-determined distance from a wall of the building;

positioning a large, flat panel on the ground between the container and the building wall, with a panel extending upwardly at an angle that generally corresponds to the angle of the rear wall of the container and with the panel closely arranged adjacent said sloped rear wall of the container;

dropping debris from the building roof downwardly upon the panel so that the debris is guided down the panel and into the container.

13. A method as defined in claim 12, and selecting wheel sizes which elevate the container above the ground a pre-determined distance above plantings on the ground near the house wall, and selecting an angle of the panel so that the lower part of the panel is spaced from the wall and straddles plantings that are arranged between the cart and the building wall.

14. A method as defined in claim 13, and including aligning, in end-to-end relationship, a series of said carts and a series of said panels between the carts and the building wall to form a composite, elongated debris receptacle extending along the wall of the building beneath the roof for receiving debris dropped downwardly from the roof.